



Report for Skip Taylor at Georgia Perimeter College

Careers and Occupations Guide

Support Manual for

eCD, eCareerDirection and **FUTUREFOCUS**

Version 6.0

James C. Shafe, President, Career Training Concepts, Inc.

Gary L. Arthur, Ed.D., Professor, Counseling & Psychological Services, Georgia State University

Matthew Morgan, A.B.J., Editor & Research Specialist, Career Training Concepts, Inc.

Edward M. Buckner, Ph.D., Educational Consultant, The Research Group, Inc.

Amy Shaye, Ed.S., The Research Group, Inc.

Jeff Porterfield, Ph.D., Associate Professor, Clark Atlanta University

John Hutcheson Jr., Ph.D., The Research Group, Inc.

Amy Smith, Ph.D., Educational Consultant, Career Training Concepts, Inc.

Career Training Concepts, Inc.

Toll Free: 888-326-9229 www.careertrain.com

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Welcome to your Careers and Occupations Guide (COG) Report!

This report combines career categories you find most interesting to help you:

- understand your unique personality,
- identify what occupations you might enjoy the most, and
- determine the education and training required to meet your career goals.

Your **COG** Report is based on your interests and provides suggestions in the following areas:

- high school courses
- extra-curricular and volunteer activities
- part-time jobs
- occupations detailed by people versus technical orientation and amount of education and training required
- occupations detailed by job description and income range

Remember, you are just exploring right now. You can create other **COG** reports using different career category combinations too.

You might want to share the information with your parents, your teacher, or a friend. This information will help you make good decisions as you plan for life in high school and beyond.

Before you begin, it will help you to understand some words used in this report.

1. **Technical, Trade, Vocational and Business Colleges** - in two years or less, these schools prepare you for job entry into specific trades, professions, or career fields.
2. **Two-year Junior or Community Colleges** - these colleges award an Associate's Degree. You can take freshman and sophomore level classes at a Junior College and then transfer to a four-year institution.
3. **Four-year College or University** - these are schools where you can earn a Bachelor's Degree and high level degrees such as a Master's or Ph.D.
4. **Master's Degree** - awarded for completing a one or two year program of study beyond a Bachelor's degree.
5. **Doctorate Degree (e.g., Ph.D., Ed.D., or M.D.)** - awarded for completing a program of study that is often lengthy and that requires some type of original research, as well as written and oral examinations.

Are you ready to explore your future career possibilities? Let's get started!



CHARACTERISTICS OF THE "A" CATEGORY

OUTDOOR

If you have a high score in category "A," you will probably prefer outdoor-related jobs. "Outdoor" has to do with work that involves tending and managing the environment. You are likely to be an active person who enjoys physical activities. You would enjoy a job where you can work with your hands building and repairing things. You are a practical person who appreciates nature. People with outdoor-related jobs are very important to society because they help preserve our environment.

CHARACTERISTICS OF THE "B" CATEGORY

ARTS/COMMUNICATIONS

A high score in the "B" category shows that you like to communicate. There are different ways to do this. You may communicate by speaking, writing, and/or visual media. Visual media are charts, graphs, pictures, drawings, or sculptures.

Your high score means that you are probably very independent and unique. You probably enjoy the idea that you are not like others. You are creative and original and will use these qualities to communicate what you feel and think. You like to be spontaneous and prefer to attend classes that allow you to think on your feet.



Outdoor paired with Arts/Communications (AB)

An "AB" person loves to work in the open environment in settings such as nature (nature photographer), entertainment (marching band), recreation (tennis coach), animals (wildlife guide), and land improvements (landscaper) and is able to communicate well. The word "communicate" means that you can get your ideas, thoughts, or feelings understood by others easily and clearly through speaking or writing. With this pattern, you will probably want to share your interest in nature, the environment, or animals with others through your communications skills.

Often, an "AB" person communicates well through "visual media" using pictures, charts, graphs, or diagrams to help others understand. No matter which method you decide to use to communicate, others will probably be able to understand you.

Most occupations in this pairing require a bachelor's degree or specialized training. Higher levels of education such as a master's degree or a Ph.D. are valuable to certain occupations in this pattern.

Courses you may want to consider taking in high school and beyond (in addition to English & Math):

Any courses that deal with communication, visual media, outdoors, and nature will probably interest you and could help prepare you for possible career opportunities.

Computer Technology	Advertising	Agriculture	Art/Graphic Arts	Physical Education
Public Relations	Health/Nutrition	Biology	Music	Economics
Computer Sciences	World Language	Psychology	Photography	Communications
Environmental Science	Industrial Technology	Sociology	Marketing	Home Economics

Extracurricular/volunteer activities or organizations you may find interesting:

If you have time for after-school activities or part-time jobs, make them count. You will probably enjoy any club or activity that involves communicating with others and/or sharing a love for nature.

Newspaper/Yearbook	Athletics	Scouts	Parks/Recreation
Habitat for Humanity	Drama/Theatre	Band/Chorus	Pen Pals
Future Farmers of America	Photography Club	Debate Team	Radio/TV activities
Audio-Visual Services	Language Club	Adopt-a-Mile	Animal Care

Workplaces that you may wish to consider for a part-time job:

These workplaces may offer opportunities to help you decide on a career.

Advertising Agencies	Lawn Care Services	Libraries	Newspaper Publishing Firms
Printing Companies	Landscaping Companies	Farms	Parks/Recreation Depart.
Graphic Design Firms	TV/Radio Studios	Lumberyards	Photographic Laboratories
Photography Studios	Theaters		

Here are some career possibilities for you to explore:

AB Career Possibilities

More People Oriented <-----> More Technical Oriented

↔

Arts/Communications	Out of Doors	Designing/Engineering
Environmental Lawyer	Nature Scientist <ul style="list-style-type: none">• Botanist• Zoologist	Designing/Engineering
Public Administrator		Architect
Foreign Correspondent	Agricultural Scientist	Urban Planner
Parks & Recreation Administrator	Geologist	Engineer/Designer
Public Relations Specialist	Petrologist	Pilot
Recreation\Coach	Hydrologist	Meteorologist
Cartoonist	Athletic Coach	Stevedore
Nature Writer	Professional Athlete	Plumber
Documentary Writer	Soil Technician	Sculptor (concrete, lawn)
Nature Photographer	Parks and Recreation Manager	Pest Control Worker
Fund Raiser	Dog Trainer	Developer <ul style="list-style-type: none">• Residential• Commercial• Recreational

ARTS AND COMMUNICATIONS

Do you want to share your interest in nature and the environment with others? Do you have strong communication skills? If so, a career as an environmental lawyer, writer, or photographer may be of interest to you.

Environmental Lawyer

Job Description

Education

To learn about nature sciences and city and rural development, volunteer with political action groups concerned about the environment.

Salary

Writer

Job Description



Education

Salary

Nature Photographer

Job Description

If you like taking pictures of natural settings and have a good "eye," you may become a nature photographer. To do so, you must be creative and understand how cameras work. Your work might appear in magazines, books and journals, or in travel and advertising displays. Many photographers work for themselves. So, it is helpful to understand how a small business works.



Education

A bachelor's degree in photography or the visual arts can develop your basic skills. But, you also need to be creative to succeed in this field. Spend as much time as possible looking at great pictures and taking your own. Getting involved in photography clubs and working in photo shops and labs will help you learn more about using your camera to capture nature.

Salary

The median annual wage of photographers was \$36,280 in May 2019.

ANIMAL AND NATURE SCIENCES

Occupations in this field are concerned with studying and working with plants and animals. They are more "hands on" than occupations in the arts and communication field. People in this field work to benefit the plants and animals in our environment. They should be active and enjoy being in nature and working outdoors.

Botanist

Job Description

Botanists (wildlife biologists) study plants and their environments. Some study all aspects of plant life, including algae, fungi, lichens, mosses, ferns, conifers, and flowering plants; others specialize in areas such as identification and classification of plants, the structure and function of plant parts, the biochemistry of plant processes, the causes and cures of plant diseases, the interaction of plants with other organisms and the environment, and the geological record of plants.



Education

Most biological scientists need a Ph.D. degree in biology or one of its subfields to work in research or development positions. A period of postdoctoral work in the laboratory of a senior researcher has become common for biological scientists who intend to conduct research or teach at the university level.

Salary

The median annual wage of botanists was \$63,270 in May 2019.

Zoologist

Job Description

If you enjoy learning about and working with animals, you may become a zoologist. Zoologists work in zoos and wildlife parks. They also work in research centers and agricultural settings. If you become a zoologist, you could help save animals or protect endangered species. You might also help develop better ways to raise animals for food, or work to produce better breeds of animals.



Education

A zoologist must have at least a bachelor's degree for an entry-level job. Employers prefer a master's degree or Ph.D. To find out if you enjoy close contact with animals, you might work on a farm, or in a zoo or pet store. You might also volunteer as a veterinarian's assistant.

Salary

The median annual wage of zoologists was \$63,270 in May 2019.

Logging Worker

Job Description

Logging workers harvest timber from forests to provide the raw material for consumer and industrial products. Logging jobs are physically

demanding and can be dangerous. Workers spend the majority of their time outdoors, sometimes in bad weather and often in remote areas.

Education

Most logging workers need a high school diploma. You will receive on-the-job training.

Salary

The median annual wage for logging workers was \$41,230 in May 2019.

DESIGNING AND ENGINEERING

Another good way to combine your interests in nature, the arts, and communications is to put your skills to use in design and engineering. These occupations are very technical. To do them, you must be good at logical thinking and planning. You must also be able to demonstrate your plan or create a sample of the new product you have developed. Those who enjoy careers in these fields are very precise people. They like detailed work and are willing to spend time ensuring that things are done right.

Let's look at three occupations that may interest you.

Urban Planner

Job Description

The word "urban" means "city." An urban planner works with agencies that are concerned with the growth of cities. As an urban planner, you would help to see that cities grew in ways that were good for the environment and for people. You might decide that a new street is needed or that old buildings should be repaired. You might work to ensure that water and sewage are available when new communities are developed.



Education

Employers require at least a bachelor's degree. You will need a master's degree to advance in this field. You also need to be creative and able to see the "big picture" when faced with a complex problem. To see if urban issues interest you, volunteer with groups that work to make their city a better place to live.

Salary

The median annual wage for urban planners was \$74,350 in May 2019.

Industrial Designer

Job Description

If you like to create things that others want, you may become an industrial designer. An industrial designer plans and makes manufactured products such as toys, cars, or exercise equipment for others to buy. To succeed at this occupation, you need to be artistic. You also need to understand what consumers want to buy.



Education

Employers require at least a bachelor's degree. They look for experience as well. You will also need a flair for seeing where a product can be improved or a new product is needed. Spend time with people who "tinker," - play with products to see if they can be improved. Obtain part-time work in a manufacturing setting, if possible. Find a way to be around people who can teach you informally how to think about products.

Salary

The median annual wage for industrial designers was \$68,890 in May 2019.

Land Surveyor

Job Description

If you enjoy working outdoors with others, you may become a land surveyor. A land surveyor works with a team of two to four people to measure land and map out property boundaries. Construction crews cannot start building until the land has been surveyed.



Education

Most surveyors have a bachelor's degree. Licensure is required to offer surveying services to the public. A part-time job with a surveying company could help you determine if you would like to become a land surveyor.

Salary

The median annual wage for land surveyors was \$63,420 in May 2019.

To learn more about specific careers, please visit the websites below. These sources of information were used to create this report.

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, on the Internet at <http://www.bls.gov/ooh> (visited September 9, 2020).

National Center for O*NET Development, *O*NET Online*, on the Internet at <http://www.onetonline.org> (visited September 9, 2020).



The Army National Guard...
Provides your community with a valuable service.
Floods, tornados, blizzards, hurricanes...disasters are our call to duty.
We serve in peace and serve in crisis.
We protect. We defend.
We are our nation's oldest military – dating all the way back to 1636.
We are proud of our service as citizen-soldiers.
We are patriots.
We Guard America.